

02-07-2005

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U.S. DEPT. OF COMMERCE

1-31-92

Patent &amp; Trademark Office

To the Honorable Commissioner of Patents and

iginal documents or copy thereof.

1. Name of conveying party(ies):

Yihong QI

Ying Tong MAN

Perry JARMUSZEWSKI

102934578

Name and address of receiving party(ies):

Name: RESEARCH IN MOTION LIMITED

Address: 295 Phillip Street

Waterloo, Ontario Canada N2L 3W8

Additional name(s) of conveying party(ies) attached ( ) Yes (X) No

3. Nature of Conveyance:

(X) Assignment

( ) Merger

( ) Security Agreement

( ) Change of Name

( ) Other

Execution Date: January 20, 2005

Additional name(s) and address(s) attached? ( ) Yes (X) No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 25, 2005

A. Patent application No.(s)

B. Patent No.(s)

Not yet assigned

Additional numbers attached? ( ) Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christopher F. Regan, Esq.

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P.O. Box 3791

City: Orlando

State: Florida Zip: 32802

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41).....\$ 40.00

[X] Authorized to charge the fee to the credit card noted in the attached credit card payment form.

[ ] Authorized to be charged to deposit account.

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John F. Woodson, II

Name of Person Signing

Signature

January 25, 2005

Date

Total number of pages including cover sheet, attachments and document: [ 4 ]

ID-1002a (85006)

PATENT  
REEL: 016222 FRAME: 0364

ID-1002a (85006)

A S S I G N M E N T

WHEREAS, **Yihong QI** of Waterloo, Ontario, Canada; and **Ying Tong MAN** of Kitchener, Ontario, Canada; and **Perry JARMUSZEWSKI** of Waterloo, Ontario, Canada; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **MOBILE WIRELESS COMMUNICATIONS DEVICE COMPRISING MULTI-FREQUENCY BAND ANTENNA AND RELATED METHODS** for which **ASSIGNORS** have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

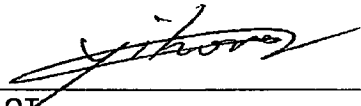
WHEREAS, **RESEARCH IN MOTION LIMITED**, a corporation organized under the laws of the Province of Ontario, Canada, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

ID-1002a (85006)

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 20<sup>th</sup> day of January, 2005.

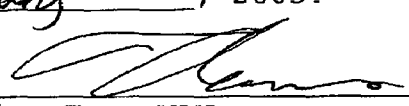
  
Yihong QIWitness: Nagula P. Sangary

Printed

Name: Nagula Tharma SangaryDate January, 20<sup>th</sup> 2005

ID-1002a (85006)

IN WITNESS WHEREOF, I have hereunto set my hand  
and seal this 20<sup>th</sup> day of January, 2005.

  
Ying Tong MAN

Witness: Nagula P. Sangary

Printed

Name: Nagula Tharma SangaryDate: January, 20<sup>th</sup> 2005

IN WITNESS WHEREOF, I have hereunto set my hand  
and seal this 20<sup>th</sup> day of January, 2005.

  
Perry JARMUSZEWSKI

Witness: Nagula P. Sangary

Printed

Name: Nagula Tharma SangaryDate: January 20<sup>th</sup>, 2005